

ABSTRACT OF THE DISCLOSURE

A projection screen that includes a multilayer, multiband, single stack device that selectively reflects light with wavelengths in plurality of narrow wavelength bands, and methods for making the screen. The multilayer, multiband, single stack device may be an etalon device. The multiple layers may be deposited on a diffusing substrate. The projection screen may also include a polarizer that coacts with a projector. The projector polarizes the projected light in the narrow wavelength bands into the same polarity and the screen reflects the light with the same polarization and does not reflect light of another polarization. The polarizer may include substrate with a thin polarizing coating. The screen may include a matte surfaced diffuser.

20813691.doc